



Docet 81749AJA  
Customer No. 01333

1752

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Ward B. Bowen, Jr., et al

Group Art Unit: 1752

Examiner: Amanda C. Walke

**PHOTOGRAPHIC ELEMENT WITH  
LIGHT SENSITIVE LAYER  
COMPRISING BLEND OF HIGH  
CHLORIDE EMULSION GRAINS  
DOPED WITH DIFFERENT METAL  
COMPLEXES**

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*Valerie J. Richardson*  
Valerie J. Richardson

*October 7, 2002*  
Date

Serial No. US 09/919,239

Filed 31 July 2001

Commissioner for Patents  
Washington, D.C. 20231

Transmitted herewith is an amendment in the above-identified application:

- ☒ No additional fee is required.  
☐ The fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)	OTHER THAN A SMALL ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT		* HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL		MINUS	20	0	X 18	\$ 0
INDEP		MINUS	3	0	X 84	\$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM					+ 280	\$ 0
					<b>TOTAL</b>	<b>\$ 0</b>

\* The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ Please charge my Eastman Kodak Company Deposit Account No. **05-0225** in the amount of \$ 0.  
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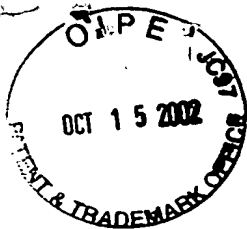
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- ☒ Any additional filing fees required under 37 CFR 1.16.  
☒ Any patent application processing fees under 37 CFR 1.17.  
(For Extensions of Time and other Petitions to the Assistant Commissioner)

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81749AJA  
Customer No. 01333

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Ward B. Bowen, Jr., et al

Photographic Element With Light  
Sensitive Layer Comprising Blend Of  
High Chloride Emulsion Grains Doped  
With Different Metal Complexes

Serial No. US 09/919,239

Filed 31 July 2001

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Group Art Unit: 1752

Examiner: Amanda C. Walke

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Date

**RESPONSE**

In response to the outstanding Office Action mailed September 5,  
2002, please enter and consider the following remarks.

**REMARKS**

Claims 1-18 are rejected under 35 USC § 103(a) as being  
unpatentable over Makuta et al (5,683,853) in view of Newmiller et al (4,865,964)  
and McDugle et al (4,933,272) and Keevert, Jr et al (4,945,035). The Examiner  
states that given the teachings of Makuta et al that {100} silver chloride emulsions  
of the reference may comprise a mixed emulsion comprising two emulsions each  
having a different form of grains as taught by Newmiller (cited by the reference),  
it would have been obvious to one of ordinary skill in the art to dope one emulsion  
in the manner of Keevert, Jr et al to obtain an increase in sensitivity and one by  
method of McDugle et al to achieve a desirable increase in contrast with  
reasonable expectation of achieving a photographic material having increased  
storage stability (see column 107). This rejection is respectfully traversed.

→ As explained by Applicants in the background of the invention, the  
use of transition metal complex dopants containing a nitrosyl or thionitrosyl  
ligand (such as those disclosed in McDugle et al) in combination with shallow  
electron trapping dopants (such as those disclosed in Keevert et al) in high  
chloride emulsions has been found to enable desirable characteristic curve shapes

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